L Number	Hits	Search Text	DB	Time stamp
-	115	"oinoue, hiroshi".in. "maru, shinichi".in. "usui, junichi".in. "konno, toshihiko".in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 12:35
-	4	("oinoue, hiroshi".in. "maru, shinichi".in. "usui, junichi".in. "konno, toshihiko".in.) and virtual	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 10:58
-	10	("4594729" | "4769843" | "4866776" | "5068897" | "5073944" | "5285503" | "5710818" | "5883961" | "6067360" | "6307941").PN.	USPAT	2004/06/17 10:51
-	1515830	height elevation vertical near2 (position location placement)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:02
-	151271	virtual	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:02
-	405342	virtual$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:02
-	2933553	sound source $4speaker	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:02
-	557	(height elevation vertical near2 (position location placement)) same virtual$2 same (sound source $4speaker)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:03
-	117	(height elevation vertical near2 (position location placement)) with virtual$2 with (sound source $4speaker)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:03
-	31148	381/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:03
-	19	((height elevation vertical near2 (position location placement)) with virtual$2 with (sound source $4speaker)) and 381/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:03
-	47	((height elevation vertical near2 (position location placement)) same virtual$2 same (sound source $4speaker)) and 381/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:25
-	5	5999630.URPN.	USPAT	2004/06/17 11:16
-	9	("5105462" | "5371799" | "5467401" | "5581618" | "5666425" | "5822438" | "5946400" | "6259795" | "6307941").PN.	USPAT	2004/06/17 11:22
-	117229	lowpass low adj pass	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:25
-	6107	(lowpass low adj pass) with attenuat$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:25

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		362	((lowpass low adj pass) with attenuat$4) and 381/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:25
-		51	(((lowpass low adj pass) with attenuat$4) and 381/$.ccls.) and virtual$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:44
-		4	("5067157" | "5119420" | "5121433" | "5305386").PN.	USPAT	2004/06/17 11:37
-		646	381/1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:50
-		154	381/1.ccls. and (lowpass low adj pass)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:51
-		129	381/1.ccls. and (lowpass low adj pass) and difference	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 11:51
-		4	("3213180" | "3535969" | "4182930" | "4698842").PN.	USPAT	2004/06/17 12:30
-		2	4817149.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 12:36
-		1794	381/1.ccls. 381/63.ccls. 381/61.ccls. 381/17.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 12:36
-		1718632	height elevation (higher vertical) near3 (level position location)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 12:43
-		5	("4060696" | "4119798" | "4143244" | "4188504" | "4251688").PN.	USPAT	2004/06/17 12:41
-		262	(381/1.ccls. 381/63.ccls. 381/61.ccls. 381/17.ccls.) and (height elevation (higher vertical) near3 (level position location))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 12:43
-		117229	lowpass low adj pass	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 15:49
-		97	((381/1.ccls. 381/63.ccls. 381/61.ccls. 381/17.ccls.) and (height elevation (higher vertical) near3 (level position location))) and (lowpass low adj pass)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 12:43
-		5	("4027102" | "4158749" | "4222394" | "4331837" | "4359604").PN.	USPAT	2004/06/17 12:45
-		8	4506379.URPN.	USPAT	2004/06/17 12:46
-		71	4817149.URPN.	USPAT	2004/06/17 12:52
-		47	5105462.URPN.	USPAT	2004/06/17 13:00

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-		62	("3229038" | "3665105" | "3697692" | "3745254" | "3757047" | "3761631" | "3772479" | "3849600" | "3885101" | "3925615" | "4024344" | "4204092" | "4209665" | "4218583" | "4219696" | "4237343" | "4308423" | "4308424" | "4309570" | "4329544" | "4332979" | "4355203" | "4356349" | "4393270" | "4394536" | "4408095" | "4479235" | "4489432" | "4495637" | "4497064" | "4503554" | "4567607" | "4569074" | "4589129" | "4594610" | "4594729" | "4594730" | "4622691" | "4648117" | "4696036" | "4703502" | "4748669" | "4856064" | "4866774" | "4866776" | "4888809" | "4953213" | "5033092" | "5046097" | "5105462" | "5146507" | "5180990" | "5208860" | "5228085" | "5251260" | "5255326" | "5325435" | "5371799" | "5386082" | "5420929" | "5533129" | "5661808").PN.	USPAT	2004/06/17 13:41
-		7	5850453.URPN.	USPAT	2004/06/17 15:15
-		9	("4118599" | "4188504" | "4219696" | "4817149" | "4908858" | "5046097" | "5105462" | "5386082" | "5500900").PN.	USPAT	2004/06/17 15:27
-		16	("4817149" | "5173944" | "5272757" | "5438623" | "5581618" | "5596644" | "5729612" | "5742689" | "5751817" | "5761314" | "5764777" | "5928311" | "5943427" | "6011754" | "6021200" | "6035045").PN.	USPAT	2004/06/17 15:43
-		5466	(lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:56
-		1748281	differential adj amplif$4 subtract$ difference	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 15:50
-		1075	((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) same (differential adj amplif$4 subtract$ difference)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:47
-		5853	flat$3 near2 frequenc$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 15:51
-		35	(((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) same (differential adj amplif$4 subtract$ difference)) and (flat$3 near2 frequenc$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 15:53
-		0	GB-1385024-$.did	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 15:54
-		1	GB-1385024-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:34
-		5	("4438525" | "4550426" | "4611300" | "5131051" | "5146507").PN.	USPAT	2004/06/17 16:01
-		2	4438525.URPN.	USPAT	2004/06/17 16:08
-		3	("3221092" | "4087631" | "4184047").PN.	USPAT	2004/06/17 16:08

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-		35	("1616639" | "1951669" | "2113976" | "2315248" | "2315249" | "2461344" | "3398810" | "3612211" | "4045748" | "4118600" | "4182930" | "4481662" | "4698842" | "4748669" | "4790014" | "4819269" | "4836329" | "4841572" | "4866774" | "5067157" | "5177329" | "5251260" | "5319713" | "5333201" | "5359665" | "5459813" | "5638452" | "5661808" | "5668885" | "5771295" | "5771296" | "5784468" | "5850453" | "5872851" | "5930373").PN.	USPAT	2004/06/17 16:19
-		13	("2379714" | "2408692" | "3127476" | "3281533" | "3539725" | "3805177" | "3842702" | "4150253" | "4182930" | "4982435" | "5023490" | "5175770" | "5276764").PN.	USPAT	2004/06/17 16:22
-		4	("4220160" | "4594731" | "4698842" | "4821327").PN.	USPAT	2004/06/17 16:32
-		2	ep-312406$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:35
-		66	("3229038" | "3665105" | "3697692" | "3745254" | "3757047" | "3761631" | "3772479" | "3849600" | "3885101" | "3921104" | "3925615" | "4024344" | "4052560" | "4204092" | "4209665" | "4218583" | "4219696" | "4237343" | "4308423" | "4308424" | "4309570" | "4329544" | "4332979" | "4355203" | "4356349" | "4393270" | "4394536" | "4408095" | "4479235" | "4489432" | "4495637" | "4497064" | "4503554" | "4567607" | "4569074" | "4589129" | "4594610" | "4594729" | "4594730" | "4622691" | "4648117" | "4696036" | "4703502" | "4748669" | "4856064" | "4866774" | "4866776" | "4888809" | "4891560" | "4953213" | "5033092" | "5046097" | "5105462" | "5146507" | "5180990" | "5208860" | "5228085" | "5251260" | "5255326" | "5325435" | "5371799" | "5386082" | "5420929" | "5533129" | "5661808" | "5822438").PN.	USPAT	2004/06/17 16:40
-		89	((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) same (differential adj amplif$4 subtract$ difference) and 381/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:56
-		3758	((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:56
-		1548	(((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)) and (left right)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:57
-		988	(((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)) and (left and right)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 16:57
-		158	((((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)) and (left and right)) and 381/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 11:30
-		23	((((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)) and (left and right)) and 381/$.ccls. and virtual	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 17:25

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-	5	((((lowpass low adj pass) same (adjustable variable) same (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)) and (left and right)) and 381/61.ccls. and virtual	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 17:25
-	1	"4320534".PN.	USPAT	2004/06/17 17:28
-	671	381/86.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 17:36
-	31	381/86.ccls. and flat$2 near3 frequenc$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/17 17:36
-	13	("4553257" | "5081682" | "5107539" | "5138665" | "5172358" | "5255324" | "5434926" | "5450494" | "5453716" | "5666426" | "5771297" | "5892832" | "5907622").PN.	USPAT	2004/06/17 17:41
-	2	("4484345" | "5543759").PN.	USPAT	2004/06/17 17:42
-	1	5892832.URPN.	USPAT	2004/06/17 17:42
-	10	("3604859" | "4406923" | "4453258" | "4553257" | "4558213" | "4611344" | "4926485" | "4962494" | "4964108" | "4982435").PN.	USPAT	2004/06/17 17:44
-	10	("4594729" | "4769843" | "4866776" | "5068897" | "5073944" | "5285503" | "5710818" | "5883961" | "6067360" | "6307941").PN.	USPAT	2004/06/17 17:49
-	11	("1938256" | "2069853" | "2577893" | "3182271" | "4179669" | "4641344" | "4648117" | "4710962" | "4815142" | "4823392" | "4864246").PN.	USPAT	2004/06/17 17:58
-	7	("3757254" | "3784749" | "3930208" | "4035739" | "4071695" | "4218662" | "4550426").PN.	USPAT	2004/06/17 18:00
-	22	((((lowpass low adj pass) and (adjustable variable) and (gain attenuat$3 level volume)) and (differential adj amplif$4 subtract$ difference)) and (left and right)) and 381/86.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 12:02
-	11	("1938256" | "2069853" | "2577893" | "3182271" | "4179669" | "4641344" | "4648117" | "4710962" | "4815142" | "4823392" | "4864246").PN.	USPAT	2004/06/18 11:38
-	16	4648117.URPN.	USPAT	2004/06/18 11:56
-	70	("3229038" | "3246081" | "3249696" | "3665105" | "3697692" | "3725586" | "3745254" | "3757047" | "3761631" | "3772479" | "3849600" | "3885101" | "3892624" | "3925615" | "3943293" | "4024344" | "4063034" | "4069394" | "4118599" | "4139728" | "4192969" | "4204092" | "4209665" | "4218583" | "4219696" | "4237343" | "4303800" | "4308423" | "4308424" | "4309570" | "4332979" | "4349698" | "4355203" | "4356349" | "4393270" | "4394536" | "4408095" | "4479235" | "4489432" | "4495637" | "4497064" | "4503554" | "4567607" | "4569074" | "4589129" | "4594610" | "4594729" | "4594730" | "4622691" | "4648117" | "4696036" | "4703502" | "4748669" | "4856064" | "4866774" | "4866776" | "4888809" | "4953213" | "5033092" | "5046097" | "5105462" | "5146507" | "5208860" | "5228085" | "5251260" | "5255326" | "5325435" | "5371799" | "5533129" | "5572591").PN.	USPAT	2004/06/18 12:01
-	21	1844422.pn. 1993859.pn. 2137032.pn. 2343471.pn. 2395159.pn. 2808466.pn. 3013125.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 12:35
-	11	3229038.URPN.	USPAT	2004/06/18 12:32

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-	19	381/102.ccls. and (low adj pass lowpass)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 12:35
-	6	("3828133" | "4150253" | "5133014" | "5359665" | "5422602" | "5424488").PN.	USPAT	2004/06/18 12:36
-	1	6023513.URPN.	USPAT	2004/06/18 12:37
-	11	("3828133" | "4150253" | "5133014" | "5359665" | "5422602" | "5424488" | "5705950" | "5748747" | "5848165" | "6023513" | "6111960").PN.	USPAT	2004/06/18 12:37
-	124	381/102.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 13:33
-	5974	virtual near3 ($4speaker sound source)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 13:34
-	387	(virtual near3 ($4speaker sound source)) and 381/$.CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 13:34
-	43567	transfer adj function	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 13:34
-	176	((virtual near3 ($4speaker sound source)) and 381/$.CCLS.) and (transfer adj function)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/18 13:35
-	10	("4594729" | "4769843" | "4866776" | "5068897" | "5073944" | "5285503" | "5710818" | "5883961" | "6067360" | "6307941").PN.	USPAT	2004/06/18 13:50
-	13	("4349698" | "5325435" | "5440638" | "5524053" | "5546465" | "5579396" | "5680464" | "5761315" | "5799094" | "5822438" | "5844993" | "5870480" | "5974153").PN.	USPAT	2004/06/18 14:20
-	7	("4004095" | "5596644" | "5734724" | "5841879" | "5862227" | "6125115" | "6173061").PN.	USPAT	2004/06/18 15:46

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